# Refine Search

### Search Results -

<u> </u>	Terms	Documents
L1	and classif\$8 and rule\$2 and first near (classifier or elements) and inducer	1

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L2			Refine Search
	Recall Text 🗢	Clear	 Interrupt

# Search History

DATE: Monday, June 20, 2005 Printable Copy Create Case

Set Name side by side	Query	<u>Hit</u> Count	Set Name result set
DB=P	GPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR		
<u>L2</u>	L1 and classif\$8 and rule\$2 and first near (classifier or elements) and inducer	. 1	<u>L2</u>
<u>L1</u>	706/12-13.ccls.	518	L1

**END OF SEARCH HISTORY** 

# **Hit List**

Clear Generate Collection Print Fwd Refs Bkwd Refs
Generate OACS

# Search Results - Record(s) 1 through 1 of 1 returned.

1. Document ID: US 6647379 B2

L2: Entry 1 of 1

File: USPT

Nov 11, 2003

US-PAT-NO: 6647379

DOCUMENT-IDENTIFIER: US 6647379 B2

\*\* See image for <u>Certificate of Correction</u> \*\*

TITLE: Method and apparatus for interpreting information

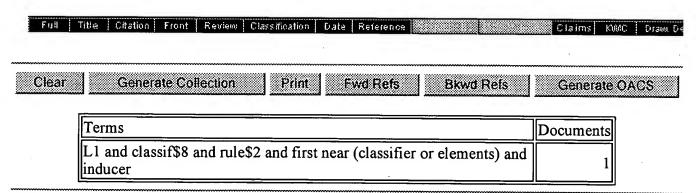
DATE-ISSUED: November 11, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Howard; Gary Sawbridgeworth GB
Barson; Paul Colin Hemel Hempstead GB
Field; Simon Harpenden GB
Hobson; Philip William Bishops Stortford GB

US-CL-CURRENT: 706/25; 706/12, 706/13



Display Format: - Change Format

Previous Page Next Page Go to Doc#

# Refine Search

### Search Results -

Terms	Documents
L1 and classif\$8 and rule\$2 and first near (classifier or elements)	11

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

L5

Refine Search

Recall Text
Clear

Interrupt

# Search History

# DATE: Monday, June 20, 2005 Printable Copy Create Case

Set Name side by side	Query	<u>Hit</u> Count	Set Name result set
DB=P	GPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR		
<u>L5</u>	L1 and classif\$8 and rule\$2 and first near (classifier or elements)	. 11	<u>L5</u>
<u>L4</u>	L3 and classif\$8 and rule\$2 and first near (classifier or elements) and inducer	0	<u>L4</u>
<u>L3</u>	706.25.ccls.	. 0	<u>L3</u>
<u>L2</u>	L1 and classif\$8 and rule\$2 and first near (classifier or elements) and inducer	1	<u>L2</u>
<u>L1</u>	706/12-13.ccls.	518	<u>L1</u>

# **END OF SEARCH HISTORY**

# **Hit List**

Clear Generate Collection Print Fwd Refs Bkwd Refs
Generate OACS

Search Results - Record(s) 1 through 11 of 11 returned.

1. Document ID: US 20020103775 A1

L5: Entry 1 of 11

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020103775

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020103775 A1

TITLE: Method for learning and combining global and local regularities for

information extraction and classification

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Quass, Dallan W. Elk Ridge UT US Mitchell, Tom M. Pittsburgh PA US McCallum, Andrew K. Pittsburgh PA US Cohen, William Pittsburgh PA US

US-CL-CURRENT: 706/12; 706/14, 707/5, 707/6

Fuil	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Altachments	Claims	KMIC	Draws De

2. Document ID: US 6892189 B2

L5: Entry 2 of 11

File: USPT

May 10, 2005

US-PAT-NO: 6892189

DOCUMENT-IDENTIFIER: US 6892189 B2

TITLE: Method for learning and combining global and local regularities for

information extraction and classification

DATE-ISSUED: May 10, 2005

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Quass; Dallan W. Elk Ridge UT Mitchell; Tom M. Pittsburgh PA McCallum; Andrew K. Pittsburgh PA Cohen; William Pittsburgh PA

Record List Display Page 2 of 6

US-CL-CURRENT: 706/12; 701/1

Full Title Citation Front Review Classification Date Reference

3. Document ID: US 6772149 B1

L5: Entry 3 of 11

File: USPT

Aug 3, 2004

US-PAT-NO: 6772149

DOCUMENT-IDENTIFIER: US 6772149 B1

TITLE: System and method for identifying facts and legal discussion in court case

law documents

DATE-ISSUED: August 3, 2004

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Morelock; John T.

Wiltshire, Jr.; James S.

Springboro
OH.

Ahmed; Salahuddin
Miamisburg
OH
Humphrey; Timothy Lee
Kettering
OH
Lu; Xin Allan
Springboro
OH

US-CL-CURRENT: 707/6; 704/1, 704/9, 706/12, 706/16, 706/45, 707/7, 715/500,

<u>715/531</u>, <u>715/535</u>

4. Document ID: US 6651044 B1

L5: Entry 4 of 11

File: USPT

Nov 18, 2003

US-PAT-NO: 6651044

DOCUMENT-IDENTIFIER: US 6651044 B1

TITLE: Intelligent sociable computer systems

DATE-ISSUED: November 18, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Stoneman; Martin L. Phoenix AZ 85012

US-CL-CURRENT: 706/10; 706/11, 706/12

5. Document ID: US 6647379 B2

L5: Entry 5 of 11

File: USPT

Nov 11, 2003

US-PAT-NO: 6647379

DOCUMENT-IDENTIFIER: US 6647379 B2

\*\* See image for <u>Certificate of Correction</u> \*\*

TITLE: Method and apparatus for interpreting information

DATE-ISSUED: November 11, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Howard; Gary Sawbridgeworth GB
Barson; Paul Colin Hemel Hempstead GB
Field; Simon Harpenden GB
Hobson; Philip William Bishops Stortford GB

US-CL-CURRENT: <u>706/25</u>; <u>706/12</u>, <u>706/13</u>

Full Title Citation Front Review Classification Date Reference Claims KMC	Draw D

6. Document ID: US 6336107 B1

L5: Entry 6 of 11

File: USPT

Jan 1, 2002

US-PAT-NO: 6336107

DOCUMENT-IDENTIFIER: US 6336107 B1

TITLE: Method and system of automatic arrangement of composing elements

DATE-ISSUED: January 1, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Uchida; TomohiroKawasakiJPOka; NatsukiTokyoJPYoshimura; HiroyukiAshiyaJP

US-CL-CURRENT: <u>706/13</u>; <u>706/12</u>

ull Title	Citation	Front	Review Classification	Date	Reference	Claims	KWIC	Draw. 8

7. Document ID: US 5671333 A

L5: Entry 7 of 11 File: USPT Sep 23, 1997

US-PAT-NO: 5671333

DOCUMENT-IDENTIFIER: US 5671333 A

TITLE: Training apparatus and method

DATE-ISSUED: September 23, 1997

INVENTOR-INFORMATION:

NAME

CITY

STATE ZI

ZIP CODE

COUNTRY

Catlett; Jason A.

Green Brook

NJ

Gale; William Arthur

Maplewood

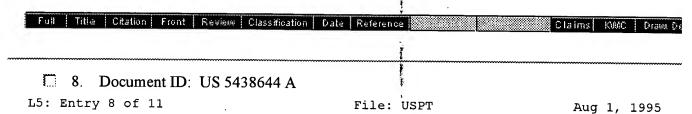
NJ

Lewis; David Dolan

Summit

NJ

US-CL-CURRENT: 706/12



US-PAT-NO: 5438644

DOCUMENT-IDENTIFIER: US 5438644 A

TITLE: Translation of a neural network into a <a href="rule">rule</a>-based expert system

DATE-ISSUED: August 1, 1995

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Fu; Li M.

Gainesville

FL

US-CL-CURRENT: <u>706/12</u>; <u>706/25</u>, <u>706/45</u>

Full   Title   Citation   Front   Review   Classification	Date Reference	Claims   KWC   Drawn De
9. Document ID: US 5396580 A		
L5: Entry 9 of 11	File: USPT	Mar 7, 1995

US-PAT-NO: 5396580

DOCUMENT-IDENTIFIER: US 5396580 A

TITLE: Translation of a neural network into a <u>rule-based</u> expert system

DATE-ISSUED: March 7, 1995

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Fu; Li M.

Gainesville

FL

US-CL-CURRENT: <u>706/12</u>; <u>706/25</u>, <u>706/45</u>

10. Document ID: US 4881178 A

L5: Entry 10 of 11

File: USPT

Nov 14, 1989

US-PAT-NO: 4881178

DOCUMENT-IDENTIFIER: US 4881178 A

TITLE: Method of controlling a classifier system

DATE-ISSUED: November 14, 1989

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Holland; John H. Burks; Arthur W.

Ann Arbor Ann Arbor MI MT

US-CL-CURRENT: 706/12; 706/45

Full Title Citation Front Review Classification Date Reference

11. Document ID: US 4697242 A

L5: Entry 11 of 11

File: USPT

Sep 29, 1987

US-PAT-NO: 4697242

DOCUMENT-IDENTIFIER: US 4697242 A

TITLE: Adaptive computing system capable of learning and discovery

DATE-ISSUED: September 29, 1987

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Holland; John H.

Ann Arbor

ΜI

48103

Burks; Arthur W.

Ann Arbor

ΜI

48105

US-CL-CURRENT: 706/13; 382/155, 706/62

Full Title Chation Front Review Classification Date Reference

Claims Ronc Draw Decomposition Generate Collection Print Fwd Refs Bkwd Refs Generate OACS

Terms Documents

L1 and classif\$8 and rule\$2 and first near (classifier or elements)

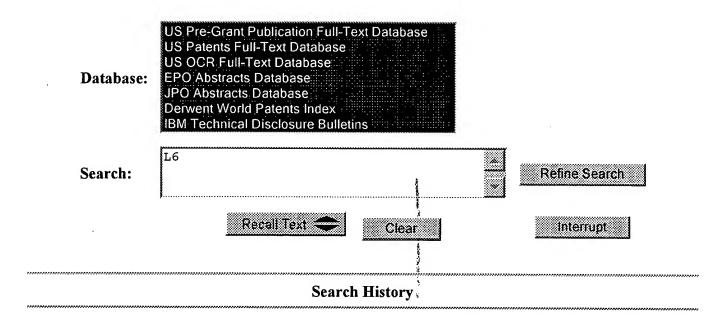
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# Refine Search

### Search Results -

Terms	Documents
L3 and classif\$8 and rule\$2 and first near (classifier or elements)	0



DATE: Monday, June 20, 2005 Printable Copy Create Case

Set Name side by side	Query	<u>Hit</u> Count	<u>Set</u> <u>Name</u> result set
DB=Pe	GPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR		
<u>L6</u>	L3 and classif\$8 and rule\$2 and first near (classifier or elements)	. 0	<u>L6</u>
<u>L5</u>	L1 and classif\$8 and rule\$2 and first near (classifier or elements)	11	<u>L5</u>
<u>L4</u>	L3 and classif\$8 and rule\$2 and first near (classifier or elements) and inducer	0	<u>L4</u>
<u>L3</u>	706.25.ccls.	0	<u>L3</u>
<u>L2</u>	L1 and classif\$8 and rule\$2 and first near (classifier or elements) and inducer	1	<u>L2</u>
<u>L1</u>	706/12-13.ccls.	518	L1

### **END OF SEARCH HISTORY**

# Refine Search

### Search Results -

Terms	Documents
classif\$8 and rule\$2 and first near (classifier or elements) and inducer	10

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

L7

Refine Search

Recall Text
Clear
Interrupt

# Search History

DATE: Monday, June 20, 2005 Printable Copy Create Case

Set Name side by side	Query	Hit Count	<u>Set</u> <u>Name</u> result set
DB=Pe	GPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR	•	
<u>L7</u>	classif\$8 and rule\$2 and first near (classifier or elements) and inducer	10	<u>L7</u>
<u>L6</u>	L3 and classif\$8 and rule\$2 and first near (classifier or elements)	0	<u>L6</u>
<u>L5</u>	L1 and classif\$8 and rule\$2 and first near (classifier or elements)	11	<u>L5</u>
<u>L4</u>	L3 and classif\$8 and rule\$2 and first near (classifier or elements) and inducer	. 0	<u>L4</u>
<u>L3</u>	706.25.ccls.	0	<u>L3</u>
<u>L2</u>	L1 and classif\$8 and rule\$2 and first near (classifier or elements) and inducer	1	<u>L2</u>
<u>L1</u>	706/12-13.ccls.	518	<u>L1</u>

# END OF SEARCH HISTORY

# **Hit List**

Clear Generate Collection Print Fwd Refs Bkwd Refs
Generate OACS

# Search Results - Record(s) 1 through 10 of 10 returned.

1. Document ID: US 20050124010 A1

L7: Entry 1 of 10

File: PGPB

Jun 9, 2005

PGPUB-DOCUMENT-NUMBER: 20050124010

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050124010 A1

TITLE: Whole cell engineering by mutagenizing a substantial portion of a starting

genome combining mutations and optionally repeating

PUBLICATION-DATE: June 9, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Short, Jay M Rancho Santa Fe CA US Fu, Pengcheng Lowrey Avenue ΗI US Wei, Jing San Diego CA US Levin, Michael San Diego CA US Latterich, Martin Montellano Terrace, San Diego CA US

US-CL-CURRENT: 435/7.23; 702/19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWAC	Draw De

2. Document ID: US 20050064477 A1

L7: Entry 2 of 10

File: PGPB

Mar 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050064477

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050064477 A1

TITLE: Methods and compositions for interaction trap assays

PUBLICATION-DATE: March 24, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Joung, J. Keith Winchester MA US Miller, Jeffrey Cambridge MA US Pabo, Carl O. Newton MA US

Record List Display

US-CL-CURRENT: 435/6

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KwiC | Draw De

3. Document ID: US 20040146931 A1

L7: Entry 3 of 10

File: PGPB

Jul 29, 2004

Page 2 of 5

PGPUB-DOCUMENT-NUMBER: 20040146931

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040146931 A1

TITLE: Methods and compositions for interaction trap assays

PUBLICATION-DATE: July 29, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Joung, J. Keith Winchester MA US
Miller, Jeffrey Cambridge MA US
Pabo, Carl O. Newton MA US

US-CL-CURRENT:  $\underline{435/6}$ ;  $\underline{435/252.3}$ ,  $\underline{435/320.1}$ ,  $\underline{435/471}$ ,  $\underline{435/69.1}$ ,  $\underline{435/7.32}$ 

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw De

4. Document ID: US 20040093316 A1

L7: Entry 4 of 10

File: PGPB

May 13, 2004

PGPUB-DOCUMENT-NUMBER: 20040093316

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040093316 A1

TITLE: Method and apparatus for interpreting information

PUBLICATION-DATE: May 13, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Howard, Gary Sawbridgeworth GB
Barson, Paul Colin Bishops Stortford GB
Field, Simon Harpenden GB
Hobson, Philip William Bishops Stortford GB

US-CL-CURRENT: 706/25; 706/20, 706/47

Full Title Citation Front Review Classification Date Reference Sequences Atlachments Claims RMC Draw De

5. Document ID: US 20040077090 A1

L7: Entry 5 of 10

File: PGPB

Apr 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040077090

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040077090 A1

TITLE: Whole cell engineering by mutagenizing a substantial portion of a starting

genome, combining mutations, and optionally repeating

PUBLICATION-DATE: April 22, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Short, Jay M.

Rancho Santa Fe

CA

US

US-CL-CURRENT: 435/471; 435/252.3, 435/254.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

6. Document ID: US 20040064464 A1

L7: Entry 6 of 10

File: PGPB

Apr 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040064464

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040064464 A1

TITLE: Hierarchical categorization method and system with automatic local selection

of <u>classifiers</u>

PUBLICATION-DATE: April 1, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE COUNTRY

RULE-47

Forman, George Henry

Port Orchard

WA

Suermondt, Henri Jacques

Sunnyvale

CA

US

US

US-CL-CURRENT: <u>707/100</u>

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | Kield | Draw De

7. Document ID: US 20030044787 A1

L7: Entry 7 of 10

File: PGPB

Mar 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030044787

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030044787 A1

Record List Display Page 4 of 5

TITLE: Methods and compositions for interaction trap assays

PUBLICATION-DATE: March 6, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Joung, J. Keith Winchester MA US Miller, Jeffrey Cambridge MA US Pabo, Carl O. Newton MA US

US-CL-CURRENT: 435/6; 536/23.7

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KNMC Draws Draws

PGPUB-DOCUMENT-NUMBER: 20020119498

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020119498 A1

TITLE: Methods and compositions for interaction trap assays

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Joung, J. Keith Winchester MA US Miller, Jeffrey Cambridge MA US Pabo, Carl O. Newton MA US

US-CL-CURRENT: 435/7.2; 435/455, 435/6

Fuil	Title	Citation		Classification		Sequences	Attachments	Claims	KARAC	Drawn De
······			 		 	·······				

9. Document ID: US 6716625 B1

L7: Entry 9 of 10 File: USPT Apr 6, 2004

US-PAT-NO: 6716625

DOCUMENT-IDENTIFIER: US 6716625 B1

TITLE: Histidine kinases of Aspergillus and other fungal species, related

compositions, and methods of use

DATE-ISSUED: April 6, 2004

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Selitrennikoff; Claude

Evergreen

CO 80267

Pott; Greg

Westminster

CO

80031

US-CL-CURRENT: 435/325; 435/183, 435/194, 435/252.1, 435/252.3, 435/320.1, 435/350, 435/410

Full Title Citation Front Review Classification Date Reference

10. Document ID: US 6647379 B2

L7: Entry 10 of 10

File: USPT

Nov 11, 2003

US-PAT-NO: 6647379

DOCUMENT-IDENTIFIER: US 6647379 B2

\*\* See image for <u>Certificate of Correction</u> \*\*

TITLE: Method and apparatus for interpreting information

DATE-ISSUED: November 11, 2003

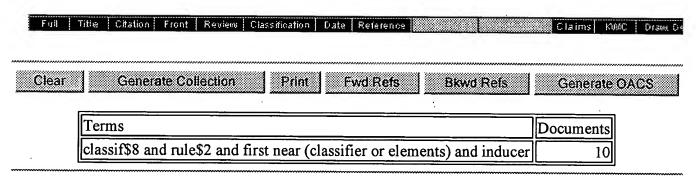
INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Howard;GarySawbridgeworthGBBarson;Paul ColinHemel HempsteadGBField;SimonHarpendenGB

Hobson; Philip William Bishops Stortford GB

US-CL-CURRENT: 706/25; 706/12, 706/13



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Monday, June 20, 2005

These resources and services provide examiners with access to critical prior art. Most of the electronic resources listed on this page are accessed via the Internet. Please obey USPTO "Rules of the Road (PDF Text)" when using Internet resources.

indicates tools featured in TC's NPL training.

### **Information Resources**

### Information Resources by Class and Subclass-

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(Multidisciplinary subject coverage)

Dialog Classic on the Web

(Training and password required.)

**DTIC STINET** 

(Citations of Defense Technical Information Center scientific and technical documents)

**EEDD Submission Form** 

**Examiners' Electronic Digest Database (EEDD)** 

(Database of examiner submitted NPL)

GrayLIT Network

(Multidisciplinary database of scientific and technical information from DTIC, NASA, DOE, and EPA)

#### **IEEE Xplore**

(Full page images of over 800,000 Electrical & Electronic Engineering articles, papers and standards, 1988 - present. Select content is available from 1952-1987.)

IEEE Xplore Tutorial

**INSPEC** 

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Proquest Direct

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ScienceDirect [Search Guide]

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(Searchable database of Software Technologies.)

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**Knovel** 

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(biotech, physics, and computer journals)

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Computer References

(Dictionaries, Acronyms Finders, Encyclopedias)

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(30,000 pages of engineering fundamentals and calculators)

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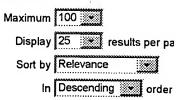
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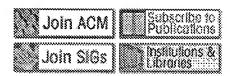
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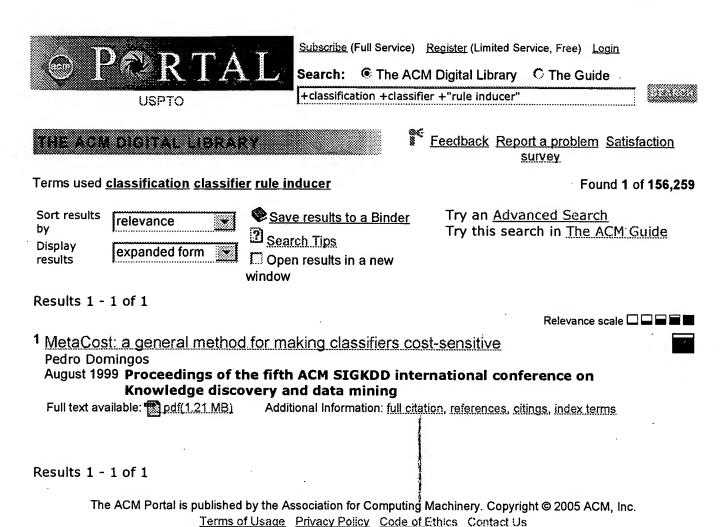
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